



Specifications

Media	: Polysulfone
Support	: Polypropylene
Core, Cage	: Polypropylene
End Parts	: Polypropylene
Sealing	: NBR, EPDM, Silicone, PTFE FKM (Fluorine Rubber) E-FKM (Encapsulated Fluorine Rubber)

Filtration rate

Pore Size : 0.1, 0.2, 0.45 micron

Dimension

Double open ended:

ID x OD x Length

28mm x 70mm x 10", 20", 30", 40"

Single open ended:

ID x OD x Length

25mm x 70mm x 10", 20", 30", 40"

Operating Conditions

Maximum Operating Temperature:

80°C (175°F)

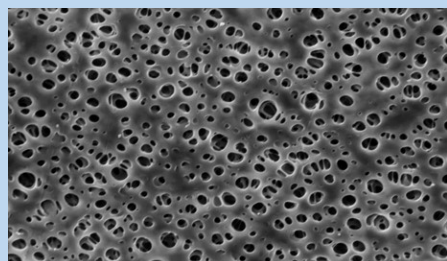
Replacement Differential Pressure:

0.15MPa (22psi)

Maximum Differential Pressure:

0.35MPa (51psi) @ 20°C (68°F)

* depending on operating parameters



CLEAL[®]

POROUSFINE S-Series

PSU Membrane Type Pleated Cartridge Filter

Features

Structure

CLEAL[®] POROUSFINE S-Series is a filter made of polysulfone which is composed of ideal asymmetric membranes as the filter material. The filter has a low pressure drop.

Advantages

- Low pressure loss filter made of hydrophilic asymmetric polysulfone membranes.
- Uniform pore size structure provides consistent filter ratings.
- There are no pore size changes and media migration.
- Lower pressure drop elongates filter service life is extended.
- Excellent chemical resistance.

Quality

- Production at ISO 9001 certified factory
- Production at ISO 14001 certified factory

Application

Chemicals :

Various chemicals, Acids and alkalis,

General Industry :

Pure water, Washing Water

Electronics :

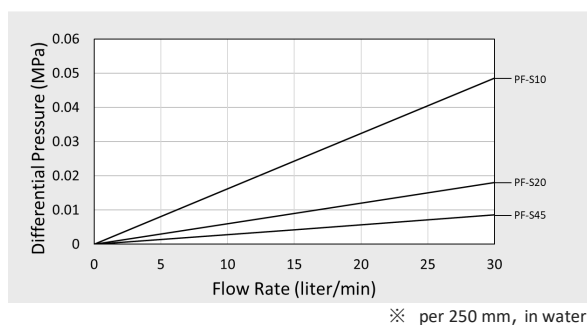
Photoresist developer

Filter Rating

Grade	Pore Size	Media Area
PF-S10	0.1 μm	5,200 $\text{cm}^2/10''$
PF-S20	0.2 μm	
PF-S45	0.45 μm	

Water Permeability

Flow Rate - Differential Pressure



Filter End Configuration

G0	Flat Gasket End	
	226 O-ring with Spear closed End	
E7	222 O-ring with Flat closed End	
	222 O-ring with Spear closed End	
M3	222 O-ring with Flat closed End	
	222 O-ring with Spear closed End	
M8	222 O-ring with Flat closed End	
	222 O-ring with Spear closed End	

Ordering Guide

Code information								Sales Unit
Grade	Filter Rating	End Type & Seal Material		ID & OD (mm)	Length (mm)			SPQ (pcs/ctn)
PF-	S10 (0.10 μm) S20 (0.20 μm) S45 (0.45 μm)	(DOE) G0 (Flat Gasket)	1 (NBR) 2 (Silicone) 3 (FKM) 4 (Soft PTFE) 5 (EPDM)	28 - 70 -	(G0)	(10'')	250	6
						(20'')	496	6
						(30'')	742	6
		(SOE) E7 (226 O-ring with Spear End) M3 (222 O-ring with Flat End) M8 (222 O-ring with Spear End)	1 (NBR) 2 (Silicone) 3 (FKM) 4 (E-FKM) 5 (EPDM)	25 - 70 -	(E7)	(10'')	315	6
						(20'')	561	6
						(30'')	807	6
					(M3)	(10'')	265	6
						(20'')	511	6
						(30'')	758	6
					(M8)	(10'')	309	6
						(20'')	555	6
						(30'')	801	6
Example : PF-S10E72 25-70-807 (SPQ 6pcs)								
PF -	S10	E7	2	25-70-	807		6	

- * Description of each characteristic data is based on our original test methods. The actual data may differ slightly from the data shown here by use conditions.
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